

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street

Sacramento, California 95814

Main website: www.energy.ca.govConsumer Website: www.ConsumerEnergyCenter.orgChildren's Website: www.energyquest.ca.gov

In the matter of: 2008 Rulemaking on Load)	Docket No. 08-DR-01
Management Standards)	
)	NOTICE OF EFFICIENCY
Implementation of –)	COMMITTEE WORKSHOP
Public Resources Code § 25403.5.)	

Notice of Efficiency Committee Workshop

The California Energy Commission's Efficiency Committee will conduct a workshop on Smart Grid technology and policy issues as part of its Load Management Proceeding. Chairman Jackalyne Pfannenstiel is Presiding Member and Commissioner Arthur Rosenfeld is the Associate Member. Other Commissioners may attend and participate in these hearings. In addition, Commissioners and officials from the California Public Utilities Commission (CPUC) and the California Independent System Operator (CAISO) have been invited to participate.

TUESDAY, APRIL 29, 2008

10 a.m.

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street

First Floor, Hearing Room A

Sacramento, California

(Wheelchair Accessible)

Audio from this meeting will be broadcast over the Internet.

For details, please go to:

www.energy.ca.gov/webcast/

To participate in the meeting by phone,

please call 888-469-0487 by 10 a.m.

Passcode: LMSTD Call Leader: Al Garcia

Purpose

The Efficiency Committee is interested in receiving input on the potential use of the Energy Commission's load management authority to facilitate the orderly and cost-effective statewide adoption of advanced technologies for operation and management of the electric grid that will benefit California electricity customers.

Background

On January 2, 2008, the Energy Commission approved an Order Instituting Informational and Rulemaking Proceeding (OII/OIR) on demand response equipment, rates, and protocols.¹ The purpose of the OII/OIR is to:

- (1) Assess which rates, tariffs, equipment, software, protocols, consumer information and other measures would be most effective in achieving demand response, and
- (2) Adopt regulations and take other appropriate actions to achieve a voluntary, price-responsive electricity market.²

The Efficiency Committee anticipated that the rulemaking would address the following topic areas:

- The functional capabilities of the “advanced meters” being installed and/or proposed by the utilities;
- Electricity rate design;
- The development of information, education and implementation strategies that will inform voluntary customer participation;
- The functional design, communication capabilities and dispatch logistics of technologies that allow customers to automate their voluntary response to price and reliability signals; and
- Opportunities for capturing the peak load reduction and conservation potential of energy storage and permanent load-shifting technologies.

On March 3, 2008, the Efficiency Committee held a scoping workshop to obtain public input on the development and possible adoption of new load management standards. The workshop included presentations from Energy Commission, CPUC and CAISO staff, utilities, researchers and invited technical experts. Discussions included review of the Energy Commission's load management standards authority as well as demand response accomplishments, plans and current research on demand response technology advancements for California, other states and other countries. The public and other interested parties were also provided an opportunity to address the Efficiency Committee.

¹ Demand response refers to mechanisms to manage the demand from customers in response to supply conditions, for example, having electricity customers reduce their consumption at critical times or in response to market prices. Demand response is generally used to refer to mechanisms used to encourage consumers to reduce demand, thereby reducing the peak demand for electricity.

² In price (demand) response electricity prices reflect either wholesale market or system operating conditions or customers respond voluntarily by reducing consumption during higher-price periods. A fundamental element of price-response is the allocation of procurement costs by time, resulting in rates that rise or fall with demand, providing incentives for customers to conserve on-peak or shift load from higher to lower-price periods.

After considering the information presented and discussed at the workshop as well as the comments received, the Efficiency Committee reiterates its commitment to developing new load management standards in the following topic areas:

- The development of business cases for the adoption of an Advanced Metering Infrastructure for Publicly-Owned Utilities (POUs);
- The functional design, communication capabilities and dispatch logistics of enabling technologies that allow customers to automate their voluntary response to price and reliability signals;
- Electricity rate design;
- Opportunities for capturing the peak load reduction and conservation potential of energy storage and permanent load-shifting technologies;
- Deployment of advanced metering;
- Deployment of enabling technologies; and
- Development of customer assistance and education strategies.

A number of issues were raised during the workshop and in comments that the Efficiency Committee has determined require additional public discussion before new load management standards can be adopted. These needs have been grouped into a series of five workshops that are intended to provide interested parties multiple opportunities to provide their input. A schedule for these workshops appears below.

As these workshops progress, the Efficiency Committee will utilize information and comments provided to develop workshop reports that contain load management standards proposals. Comments received on those proposals will be used in developing a final set of standards for consideration by the Energy Commission.

Schedule

4/29/2008	Workshop on the Smart Grid
5/6/2008	Comments due from public on 4/29/08 Workshop
5/27/2008	Workshop on AMI
6/3/2008	Comments due from public on 5/27/08 Workshop
6/10/2008	Workshop on Rates and Incentives
6/17/08	Comments due from public on 6/10/08 Workshop
6/19/2008	Workshop on Enabling Technologies
6/26/2008	Comments due from public on 6/19/08 Workshop
7/10/2008	Workshop on Integration, Customer Education and Needs
7/17/2008	Comments due from public on 7/10/08 Workshop
Early August	Staff Workshop Report and Recommendations for Load Management Standards
Late August	Committee Workshop on Staff Report and Standards Recommendations

The schedule above shows the projected dates of upcoming Efficiency Committee Workshops on the Load Management Proceeding and certain associated key dates. Please note dates are subject to change. If so, changes will be appropriately noticed and changes will also be posted on the Load Management Proceeding web page (http://www.energy.ca.gov/load_management/index.html).

Staff reports, workshop notices, presentations, written comments and other proceeding documents will also be posted on the Energy Commission's Load Management Proceeding web page (http://www.energy.ca.gov/load_management/index.html).

Written Comments

Proposals or other written comments submitted prior to the workshop are requested by 5:00 p.m. on April 25, 2008. Proposals or other written comments to be considered after the workshop must be submitted by 5:00 p.m. on May 10, 2008. Please include the docket number 08-DR-01 and indicate Load Management Standards-Smart Grid in the subject line or first paragraph of your comments. Please hand deliver or mail an original plus 10 paper copies to:

California Energy Commission
Dockets Office, MS-4
Re: Docket No. 08-DR-01
1516 Ninth Street
Sacramento, CA 95814-5512

The Energy Commission encourages comments by e-mail. Please include your name or organization's in the name of the file. Those submitting comments by electronic mail should provide them in either Microsoft Word format or as a Portable Document (PDF) to [docket@energy.state.ca.us]. **One paper copy** must also be sent to the Energy Commission's Docket Unit.

Participants may also provide an original and 10 copies at the beginning of the workshop. All written materials relating to this workshop will be filed with the Dockets Unit and become part of the public record in this proceeding.

Public Participation

The Energy Commission's Public Adviser's Office provides the public assistance in participating in Energy Commission activities. If you want information on how to participate in this forum, please contact the Public Adviser's Office at (916) 654-4489 or toll free at (800) 822-6228, by FAX at (916) 654-4493, or by e-mail at [pao@energy.state.ca.us]. If you have a disability and require assistance to participate, please contact Lou Quiroz at (916) 654-5146 at least five days in advance.

Please direct all news media inquiries to the Media Office at (916) 654-4989, or by e-mail at [mediaoffice@energy.state.ca.us]. If you have questions on the technical subject matter of this forum, please call E. V. (Al) Garcia, Project Manager, (916) 654-4045 or [LoadManagementOIR@energy.state.ca.us].

NOTICE OF THIS PROCEEDING IS BEING BROADCAST TO A VERY BROAD AUDIENCE. Future notices may be sent only to the “load management” list server to reduce duplication of e-mails.

If you wish to continue receiving e-mail notices pertaining this proceeding, please sign up your e-mail on the list server located on the [load management proceeding page](#) on the energy commission website at [www.energy.ca.gov]. Notices of future proceedings will be limited to the mail list generated by the list server process. Notices will be *e-mail only* and will *not* be via US mail.

JACKALYNE PFANNENSTIEL
Chairman and Presiding Member
Efficiency Committee

ARTHUR ROSENFELD
Commissioner and Associate Member
Efficiency Committee

Mail List Server: [energypolicy](#) (IEPR); [appliances](#) (Appliances); [efficiencywg](#) (Title-24); [loadmanagement](#) (Load Management); [electricity](#) (Electricity)

Mail Lists: 21, 22, 26, 37, 51, 52, 53, 419,430, 441, 444, 446, 462, 466, 478, 813, 814, 816, 826

Note: California Energy Commission’s formal name is State Energy Resources Conservation and Development Commission.